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Table 6

RADIATION INTENSITY OVER THE WAKE OF A RADIO-ACTIVE CLOUD
AFTER A GROUND BURST. *

AFTER A GROUND BURST. *																		Equivalent distances, and the coefficients required for the evaluation of radiation intensity not on the axis of the wake, at the following distances from the axis (in Kms.):			
Distance from the centre of burst	Radiation intensity on the axis of the wake after a burst of the following yield in kilotons:																				
	2	3	5	10	15	20	30	40	50	75	100	150	200	300	500	700	1000	2	5	10	20
2	100	70	45	25	20	15	10	8	6	5	4	3	2.5	2	1.5	1.2	1	-	-	-	-
3	70	100	75	40	30	25	20	18	12	10	8	6	4	3	2	1.8	1.5	-	-	-	-
4	30	50	100	60	45	40	30	25	20	15	10	8	6	5	3	2.5	2	40 (0.6)	-	-	-
6	15	25	40	100	75	60	45	35	30	20	15	12	10	8	5	4	3	30 (0.6)	150 (0.2)	-	-
8	6	10	20	50	80	70	60	45	40	30	25	20	15	10	8	6	5	25 (0.6)	100 (0.3)	-	-
10	4	6	12	30	50	80	75	60	55	40	30	25	20	12	10	8	6	25 (0.6)	100 (0.3)	-	-
12	2	4	7	20	30	60	80	75	70	50	40	30	25	15	12	10	7	25 (0.6)	90 (0.3)	-	-
14	1.6	2.5	6	15	25	35	50	80	75	55	45	32	28	18	15	12	8	25 (0.6)	70 (0.3)	-	-
16	1.2	2	4	10	15	25	40	50	80	65	55	40	35	25	18	15	10	25 (0.6)	70 (0.3)	250 (0.05)	-
20	0.8	1.2	2.5	6	10	15	25	30	45	75	60	50	40	30	20	18	12	30 (0.7)	70 (0.3)	200 (0.1)	-
25	0.5	0.8	1.5	4	6	9	15	20	30	45	70	65	50	40	30	20	15	30 (0.8)	60 (0.4)	175 (0.15)	500 (0.05)
30	0.3	0.5	1	2.5	4	6	10	15	20	30	40	70	60	50	35	30	20	30 (0.9)	60 (0.4)	150 (0.15)	500 (0.05)
40	0.2	0.3	0.5	1.2	2	3	5	7	10	20	25	40	70	55	50	40	30	40 (0.9)	60 (0.5)	125 (0.2)	400 (0.05)
50	0.1	0.2	0.3	0.7	1.2	2	3	4	5	9	12	20	30	70	55	50	40	40 (0.9)	70 (0.5)	125 (0.3)	300 (0.05)
60	-	0.1	0.2	0.5	0.8	1.2	2	3	4	6	9	15	20	35	70	65	50	70 (1)	80 (0.7)	125 (0.4)	300 (0.1)
70	-	-	0.1	0.3	0.5	0.8	1.5	2	2.5	4	6	10	15	25	50	70	60	70 (1)	80 (0.7)	125 (0.4)	300 (0.1)
80	-	-	-	0.2	0.4	0.6	1	1.2	2	3	5	7	10	18	35	50	70	80	90	125	250
90	-	-	-	0.1	0.3	0.5	0.8	1	1.5	2.5	3.5	5	8	15	25	40	60	90	100	125	250
100	-	-	-	-	0.2	0.4	0.6	0.8	1	2	3	4	6	10	20	30	50	100	100	125	250
125	-	-	-	-	0.1	0.2	0.4	0.5	0.7	1	1.2	2.5	4	6	12	20	30	125	125	150	250
150	-	-	-	-	-	0.1	0.2	0.3	0.5	0.7	1	2	2.5	4	8	12	20	150	150	175	250
175	-	-	-	-	-	-	0.1	0.2	0.3	0.5	0.7	1	1.5	3	6	8	15	175	175	200	250
200	-	-	-	-	-	-	-	0.1	0.2	0.4	0.6	0.8	1.2	2	4	6	10	200	200	200	250
250	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.6	0.8	1.2	2.5	4	6	250	250	250	300
300	-	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.5	0.9	1.5	2.5	4	300	300	300	400
400	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.5	0.8	1.2	2	400	400	400	400
500	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.5	0.8	1.5	500	500	500	500

* Ibid. Methods of evaluating the radiation position when concentrated use is made of nuclear weapons, and some problems connected with the protection of troops operating in contaminated area. Voenizdat, Moscow, 1960.

/Remark:

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